



Applicant : Yan et al.  
Serial No. : 10/002,585  
Filed : November 30, 2001  
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Attorney's Docket No.: 10448-206001 / MPI 01-  
316P1RN

#### Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

#### Listing of Claims:

1. (Original) A method for the treatment of thrombosis in a subject comprising:  
administrating a CD154 inhibitor in an amount effective to inhibit the release of soluble CD154 (sCD154) from a platelet.
2. (Currently amended) The method of claim 1, wherein the release of soluble CD154 from a platelet is inhibited by at least about ~~a % amount selected from the group consisting of 90%, 80%, 70%, 60%, 50%, 40%, 30%, 20% and 10%.~~
3. (Original) The method of claim 2, wherein said CD154 inhibitor is a metalloproteinase inhibitor.
4. (Original) The method of claim 3, wherein the metalloproteinase inhibitor is selected from the group consisting of HONHCOCH<sub>2</sub>CH(CH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>-CO-NaI-Ala-NHCH<sub>2</sub>CH<sub>2</sub>NH<sub>2</sub> (TAPI-1), tissue inhibitor of metalloprotease-2 (TIMP-2), doxycycline, galardin, and SB-3CT(MMP2/MMP9 inhibitor VI).
5. (Currently amended) The method of claim 1, wherein the subject is further treated with at least one ~~additional~~ agent which blocks platelet aggregation or which enhances thrombolysis.
6. (Currently amended) The method of claim 5, wherein said at least one ~~additional~~ agent which blocks platelet aggregation is a platelet glycoprotein GP IIb-IIIa antagonist.

7. (Original) The method of claim 6, wherein said GP IIb-IIIa antagonist is eptifibatide.
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